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## EUROPEAN PATENT APPLICATION

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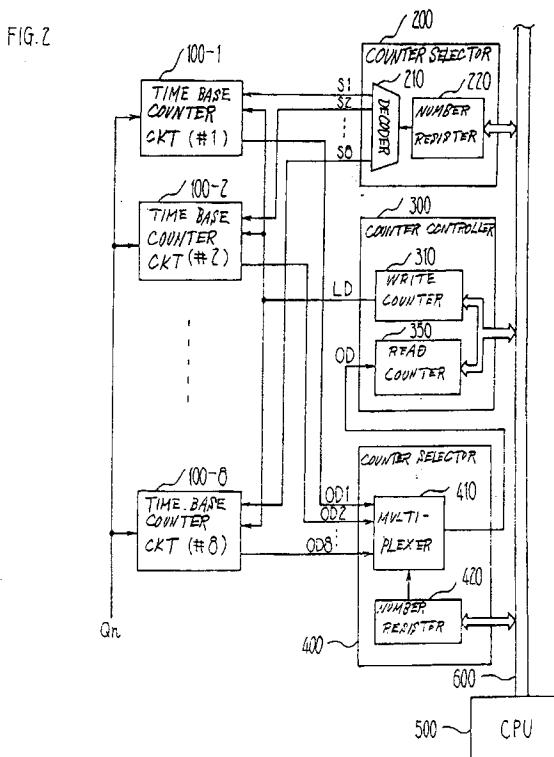
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### ㉓ Synchronization control circuit for TDMA cellular communication system.

㉔ A synchronization control circuit applicable to a TDMA (Time Division Multiple Access) digital mobile communication system for controlling the transmission and reception time base of a mobile station on which the circuit is mounted. The synchronization control circuit includes a plurality of time base counter circuits each counting down standard clock pulses to generate a plurality of timing pulse sequences having time bases which are respectively associated with the cells of the system. All the time base counter circuits share a single counter controller which controls the writing and reading of counts out of the time base counter circuits. The counter controller selectively produces the outputs of one of the time base counter circuits as a timing pulse sequence. The synchronization control circuit, therefore, is small size and light weight and saves power.





European Patent  
Office

## EUROPEAN SEARCH REPORT

Application Number  
EP 92 10 7145

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	EP-A-0 149 136 (IBM) * claims * ---	1,2	H04B7/26
A	WO-A-80 00902 (WESTERN ELECTRIC COMPANY) * page 4, line 26 - page 5, line 32 * -----	1,2	
			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
			H04B
<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	18 January 1994	BISCHOF, J	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application I : document cited for other reasons ..... & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			